



TROPICAL CYCLONE BULLETIN NO. 28
Severe Tropical Storm “MARING” (KOMPASU)

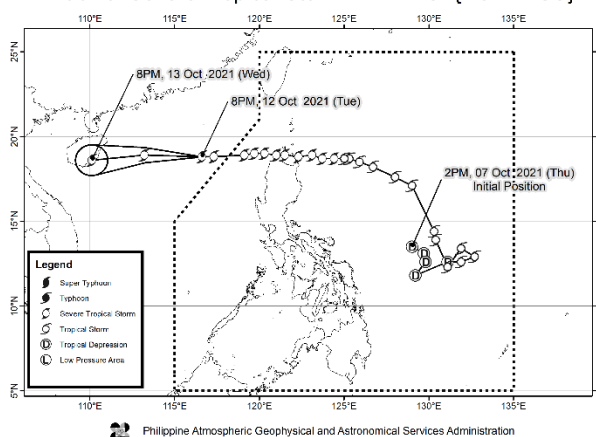
Issued at 11:00 PM, 12 October 2021

Valid for broadcast until the next bulletin at 5:00 AM tomorrow

“MARING” CONTINUES TO TRACK WESTWARD OVER THE WEST PHILIPPINE SEA.

Location of Center (10:00 PM)
The center of Severe Tropical Storm “MARING” was estimated based on all available data over 580 km West of Calayan, Cagayan (outside the PAR) (18.8°N, 116.0°E)
Intensity
Maximum sustained winds of 100 km/h near the center, gustiness of up to 125 km/h , and central pressure of 975 hPa
Present Movement
Westward at 20 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 800 km from the center

Track of Severe Tropical Storm “MARING” {KOMPASU}



TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 13 October 2021	18.9	113.2	870 km West of Extreme Northern Luzon (outside the PAR)	110	STS	W 30
24-Hour Forecast 8:00 PM 13 October 2021	18.6	110.1	1,110 km West of Northern Luzon or in the vicinity of Lingshui Li, Hainan, China (outside the PAR)	95	STS	W 25

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
2 (Damaging gale-to storm-force winds prevailing)	Batanes and Babuyan Islands	-	-
1 (Strong winds prevailing)	Mainland Cagayan, the western portion of Isabela (San Pablo, Cabagan, Quirino, Santa Maria, Santo Tomas, Tumauni, Delfin Albano, Quezon, Gamu, Burgos, Cabatuan, San Mateo, Reina Mercedes, Luna, City of Santiago, San Isidro, Ramon, Cordon, Roxas, Mallig, San Manuel, Aurora, Maconacon, Ilagan City, Naguilian, City of Cauayan, Alicia, Angadanan, Echague), the northwestern portion of Quirino (Diffun, Saguday, Cabarroguis), the northern portion of Nueva Vizcaya (Santa Fe, Aritao, Kayapa, Dupax del Sur, Bambang, Dupax del Norte, Kasibu, Quezon, Solano, Bayombong, Bagabag, Diadi, Villaverde, Ambaguio), Apayao, Abra, Kalinga, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, Pangasinan, the northwestern portion of Nueva Ecija (Zaragoza, Talavera, Aliaga, Llanera, San Jose City, Carranglan, Lupao, Science City of Muñoz, Santo Domingo, Quezon, Licab, Guimba, Talugtung, Cuyapo, Nampicuan), Tarlac, and Zambales	-	-

Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.

Prepared by: RPG

Checked by: SFD



TROPICAL CYCLONE BULLETIN NO. 28
Severe Tropical Storm “MARING” (KOMPASU)

Issued at 11:00 PM, 12 October 2021

Valid for broadcast until the next bulletin at 5:00 AM tomorrow


HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> Despite weakening trend of forecast rainfall over Northern Luzon in the next 24 hours, the high saturation of soil moisture in these areas due to large amounts of antecedent rainfall meant that flooding (including flash floods) and rain-induced landslides are still highly likely especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps even in the event of light to moderate rains. Under the influence of the Southwest Monsoon enhanced by Severe Tropical Storm “MARING”, monsoon rains are possible over Bataan, Zambales, Occidental Mindoro, and Palawan in the next 24 hours. For more information, refer to Weather Advisory #7 issued at 11:00 PM today. <p>Severe Winds</p> <ul style="list-style-type: none"> Winds will continue to reach gale-force to storm-force strength within any of the areas where Tropical Cyclone Wind Signal (TCWS) #2 is in effect. This may result in generally light to moderate damage to structures and vegetation. Strong winds (strong breeze to near gale conditions) with higher gusts will continue within any of the areas where TCWS #1 is currently in effect. This may generally bring up to very light damage to structures and vegetation. Gusty conditions reaching strong to gale-force in strength are likely over Western Visayas and the rest of Luzon in the next 24 hours due to the enhanced Southwest Monsoon.
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none"> In the next 24 hours, rough to very rough seas (2.8 to 5.0 m) will be experienced over the seaboard of areas where TCWS #2 and #1 are in effect. These conditions are risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside. Under the influence of Severe Tropical Storm “MARING” and the enhanced Southwest Monsoon, Gale Warning remains in effect for the seaboard of Luzon (not under any TCWS) and the western seaboard of Visayas. For more information, refer to Gale Warning #10 issued at 5:00 PM today. Moderate to rough seas (1.2 to 2.5 m) will prevail over the remaining seaboard of the country. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
TRACK AND INTENSITY OUTLOOK
<p>The storm will continue moving westward over the West Philippine Sea and make landfall in the vicinity of Hainan, China tomorrow evening. Within the next 12 hours, the storm is forecast to gradually intensify reaching a peak intensity of 110 km/h. Weakening will ensue once “MARING” makes landfall over Hainan Island.</p>

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless superseded by an intermediate bulletin the next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.

DOST-PAGASA

Prepared by:  **RPG**

Checked by:  **SFD**